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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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(Use as many sheets as necessary)

C	omplete if Known	
Application Number	10/052,821	
Filing Date	Nov. 10, 2002	
First Named Inventor	HEINONEN	
Group Art Unit	2681	
Examiner Name		
Attorney Docket Number	0143US-Locus	

				U.S. PATENT D	OCUMENTS	
Examiner	Cite	U.S. Patent		Name of Patentee or Applicant of Cited Document	Date of Publication of	Pages Columns Lines
Initials*	No.'	Number	Kind Cod (If Known)	of Cited Document	Cited Document MM-DD-YYYY	Where relevant passages or relevant figures appear
NM		6,101,390		Jayaraman	Aug. 8, 2000	RECEIVED
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				F	OREIGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.'	Office	Foreign Patent Do	Kind Code (If Known)	Name of Patentee or Applicant ofCited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages Columns Lines Where Relevant Passages or Relevant Figures Appear	Т6
NM		wo	98/34124		Birchler	Aug. 6, 1998		
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	NON PATENT DOCUMENTS						
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers), publisher, city and/or country where published.					

Exanniner			Date	4,2001.	
Signature	NMU	$\wedge 0 \setminus 0 \rightarrow$	Considered	1/20/04	

^{*}EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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				U.S. PATENT D	OCUMENTS	
Examiner Cite	Cita	U.S. Patent		Name of Patentee or Applicant	Date of Publication of	Pages Columns Lines
	-	Number	Kind Code (If Known)	of Cited Document	Cited Document MM-DD-YYYY	Where relevant passages or relevant figures appear
NM.		6,161,018		Reed	Dec. 12, 2000	0505
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			F	OREIGN PATENT DOCU	MENTS		
Cite No.'	Office3		Kind Code (If Known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages Columns Lines Where Relevant Passages or Relevant Figures Appear	Т6
	EP	1 022 578	A2	Shimada	July 26, 2000	-	
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		No. Offices	No. Office3 Number	Cite No. Office3 Number (If Known)	Cite No.* Office3 Number (If Known) Name of Patentee or Applicant of Cited Document	Cite No. Office3 Number (If Known) Name of Patentee of Applicant of Cited Document MM-DD-YYYY	Cite No. Office3 Foreign Patent Document Kind Code (If Known) Kind Code (If Known) Applicant of Cited Document MM-DD-YYYY Date of Publication of Cited Document MM-DD-YYYY Pages Columns Lines Where Relevant Passages or Relevant Figures Appear

NON PATENT DOCUMENTS						
Examiner Initials*	Cite No.'					

Exanniner Signature Date Considered 9/28/04

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1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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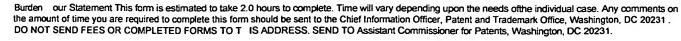
Complete if Known						
Application Number	10/052,821	_				
Filing Date	Nov. 10, 2001	_				
First Named Inventor	HEINONEN					
Group Art Unit	2681	_				
Examiner Name						
Attorney Docket Number	0143119-1 ocus					

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葛	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers), publisher, city and/or country where published.	Т2						
NM	Tracking Mobile Phones in Urban Areas, Christer Åkerbom, Thesis work presented in Chalm University and Göteborg University, in Göteborg, Sweden, September 2000								
NM	Applying pattern recognition techniques based on hidden Markov models for vehicular position location in cellular networks, Stefan Mangold and Sofoklis Kyriazakos, Paper presented in the 50th IEEE Vehicular Technology Conference on Septemeber 2nd, 1999, in Amsterdam, the Netherlands.								
Nm	Radar: an in-building RF-Based User Location and Tracking System, Paramvir Bahl and Venkata Padmanabhan, Microsoft Research, Microsoft Inc. Redmond WA. March 2000.								
NM	AD	Overview of 2G LCS Technologies and Standards, Motorola Inc., marked as LCS-010019, provided in a 3GPP TSG SA2 LCS Workshop in London, UK 11-12 January 2001							
Nn	Location Tracking of Mobiles in Cellular Radio Networks, Martin Hellebrandt and Rudolf Mathar, IE Transactions onvehicular technology, Vol. 48 No. 5, September 1999								
NM	AF	Database Correlation for GSM Location:Heikki Laitinen, Jaako Lähteenmki, Tero Nordström, a paper presented at the IEEE Vehicular Technology Confrence 2001, 6–9 May, 2001, Rohdes Island, Greece							
NM	AG	Cellular Network Optimisation Based on Mobile Location (CELLO), Jaakko Läteenmaki, VTT Information Systems, VTT, Helsinki, Finland, January 2001							
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¹ Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.



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